

Title (en)  
CATALYST FOR REMOVING NITROGEN OXIDES, METHOD FOR PRODUCTION THEREOF AND METHOD FOR REMOVING NITROGEN OXIDES

Title (de)  
KATALYSATOR ZUR ENTFERNUNG VON STICKSTOFFOXIDEN, HERSTELLUNGSVERFAHREN DAFÜR UND VERFAHREN ZUR ENTFERNUNG VON STICKSTOFFOXIDEN

Title (fr)  
CATALYSEUR PERMETTANT D'OTER DES OXYDES D'AZOTE, PROCEDE DE PRODUCTION CORRESPONDANT ET PROCEDE PERMETTANT D'OTER DES OXYDES D'AZOTE

Publication  
**EP 1484109 B1 20081022 (EN)**

Application  
**EP 03707175 A 20030228**

Priority  
• JP 0302326 W 20030228  
• JP 2002056240 A 20020301

Abstract (en)  
[origin: EP1484109A1] Disclosed is a method for producing a catalyst for removing nitrogen oxides which comprises dispersing a hydrated titanium (Ti) oxide or dried material thereof, tungstic acid or a salt thereof, and cerium (Ce) dioxide in a dispersion medium to form a sol-like material, mixing the sol-like material with an aqueous medium to form a catalyst slurry or paste, supporting the catalyst slurry or paste on a catalyst carrier, and then calcinating the carrier; in which catalyst the Ce dioxide is prevented from being embedded in the Ti oxide to realize such a high degree of dispersion of the Ce dioxide on the surface of the Ti oxide as comparable with the case wherein cerium ions are dispersed in micro voids of a zeolite by ion exchange; and the catalyst is free from the occurrence of such phenomena as sintering of the Ti oxide, and deterioration of zeolite with steam when a zeolite is used as carrier. <IMAGE>

IPC 8 full level  
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**EP 1484109 A1 20041208**; **EP 1484109 A4 20060809**; **EP 1484109 B1 20081022**; AT E411846 T1 20081115; AU 2003211354 A1 20030916; CA 2486158 A1 20030912; CA 2486158 C 20111115; CN 1301153 C 20070221; CN 1642636 A 20050720; DE 60324258 D1 20081204; JP 2003251180 A 20030909; JP 4225735 B2 20090218; KR 100911797 B1 20090812; KR 20040093073 A 20041104; NO 20043942 L 20040921; TW 200303781 A 20030916; TW I278343 B 20070411; US 2005130836 A1 20050616; US 7585807 B2 20090908; WO 03074170 A1 20030912

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